AF

AUG 23 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Kenneth Brakeley Welles II et al.

Serial No.:

10/685,868

Filed:

October 15, 2003

For:

COMPENSATING FOR

DYNAMIC NULLS IN A POWER

LINE COMMUNICATION

SYSTEM

Group Art Unit:

2686

Examiner:

Joy Kimberly Contee

Atty. Docket:

132361-1/YOD

GERD:0342

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Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 CERTIFICATE OF MAILING 37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

August 21, 2006

Date

Lynda Howell

RESPONSE TO FINAL OFFICE ACTION MAILED JUNE 20, 2006

Dear Sir:

This is in response to the Final Office Action mailed on June 20, 2006.